



**LIVE/DEAD cell viability assay of chondrocyte cells grown in alginate beads at differing media conditions: a) at pH 7.4 and b) at pH ~7.** Beads were cut in half and were viewed into the core at magnification 10X. At neutral pH 7.4, cells were found in clusters throughout the bead, and most cells were green. At acidic pH 7, fewer cells were in clusters, and more were found in single cells. Many cells were red.